## DT07 Rec'd PCT/PTO 0 7 SEP 2004

| FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATE   | ENT AND ATTORNEY'S DOCKET NUMBER                |  |  |  |  |  |  |
|--|---|--|--|--|--|--|--|
| TRADEMARK OFFICE<br>(REV 9-2001)   | TS6346 US                                       |  |  |  |  |  |  |
| TRANSMITTAL LETTER TO THE UNITED STATI   | THE STREET STREET STREET STREET                 |  |  |  |  |  |  |
| PECICIATED (ELECTED OFFICE (DO/FO/IIS)   |   |  |  |  |  |  |  |
| DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. 371  | <b>10/</b> 506829                               |  |  |  |  |  |  |
| INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING   |   |  |  |  |  |  |  |
| PCT/EP03/01744 7 March 2003 (07.03.2003)   | 8 March 2002 (08.03.2002)                       |  |  |  |  |  |  |
| TITLE OF INVENTION:  |   |  |  |  |  |  |  |
| STEERABLE SOIL PENETRATION SYSTEM APPLICANT(S) FOR DO/EO/US BEITS, Michael; John, OOENEN, Josef, Guillaume, Christoffel; KAPTEIJN, Pieter,   |   |  |  |  |  |  |  |
| Transl Antoni OCCTEDI NIC Peter SCHILLE Paul Dick  |   |  |  |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |   |  |  |  |  |  |  |
| 1. A This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.  |   |  |  |  |  |  |  |
| The street of th |   |  |  |  |  |  |  |
| —  |   |  |  |  |  |  |  |
|  |   |  |  |  |  |  |  |
| items (5), (6), (9) and (21) indicated below.  4.  |   |  |  |  |  |  |  |
|  |   |  |  |  |  |  |  |
| <ul> <li>5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).</li> <li>a. is attached hereto (required only if not communicated by the International Bureau).</li> </ul>   |   |  |  |  |  |  |  |
|  | ne memanona bacaa).                             |  |  |  |  |  |  |
| b. \( \subseteq \text{ has been communicated by the International Bureau.} \)  |   |  |  |  |  |  |  |
| c. is not required, as the application was filed in the United States Receiving Office (RO/US).  |   |  |  |  |  |  |  |
| 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).  |   |  |  |  |  |  |  |
| a. is attached hereto  |   |  |  |  |  |  |  |
| b. has been previously submitted under 35 U.S.C. 154(d)(4).  |   |  |  |  |  |  |  |
| 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).   |   |  |  |  |  |  |  |
| <ul> <li>a.           are attached hereto (required only if not communicated by the International Bureau).</li> </ul>  |   |  |  |  |  |  |  |
| b.  have been communicated by the International Bureau.  | the manda auto has NOT avaired                  |  |  |  |  |  |  |
| c. have not been made; however, the time limit for making such amendments has NOT expired.   |   |  |  |  |  |  |  |
| d. A have not been made and will not be made.  | 1 DOT 4 (: 1 10 (25 H.S.C. 271(a)/2))           |  |  |  |  |  |  |
| 8. An English language translation of the amendments to the claims u   | inder PC1 Article 19 (35 U.S.C. 371(C)(3)).     |  |  |  |  |  |  |
| 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  |   |  |  |  |  |  |  |
| 10. An English language translation of the annexes to the International Preliminary Examination Report under PCT   |   |  |  |  |  |  |  |
| Article 36 (35 U.S.C. 371(c)(5)).  |   |  |  |  |  |  |  |
| Items 11 to 16 below concern document(s) or information included:  |   |  |  |  |  |  |  |
| 11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.  | onliance with 37 CFR 3.28 and 3.31 is included. |  |  |  |  |  |  |
| 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.  |   |  |  |  |  |  |  |
| 13. A FIRST preliminary amendment.   |   |  |  |  |  |  |  |
| 14. A SECOND or SUBSEQUENT preliminary amendment.  |   |  |  |  |  |  |  |
| 15. A substitute specification.  |   |  |  |  |  |  |  |
| 16. A change of power of attorney and/or address letter.   |   |  |  |  |  |  |  |
| 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 u.S.C. 1.821-1.825   |   |  |  |  |  |  |  |
| 18. A second copy of the published international application under 35 U.S.C. 154(d)(4).  |   |  |  |  |  |  |  |
| 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).  |   |  |  |  |  |  |  |
| 20. \( \text{Other items or information: postcard} \)  |   |  |  |  |  |  |  |
|  |   |  |  |  |  |  |  |

## BEST AVAILABLE COPY

## **DT15** Rec'd FCT/PTO 0 7 SEP 2004

| U.S. APPLICATION NO. (If known, see 37 CFR  |                                      | TERNATIONAL APPLICATION NO.  CT/EP03/01744                | 1                                 | S6346 US                           |              |
|---|--------------------------------------|---|-----------------------------------|------------------------------------|--------------|
| 21. The following fees are s  | submitted:                           | CILLIOSIOTITY   |                                   | CALCULATIONS                       | PTO USE ONLY |
| Basic National Fee (37 CFR 1.4  |                                      |   |                                   |                                    |              |
| Neither international prelimina   | ry examination fe                    | e (37 CFR 1.492)  |                                   |                                    |              |
| nor international search fee (3)  | 7 CFR 1 445(a)(3)                    | naid to USPTO   |                                   |                                    |              |
| and International Search Repor  | rt not prepared by                   | the EPO or JPO  | \$1080.00                         |                                    |              |
| International proliminary even  | nination fee (37 CF                  | R 1.492) not paid to                                      |                                   |                                    |              |
| USPTO but International Sear  | ch Report prepared                   | by the EPO or JPO   | \$920.00                          |                                    |              |
|   |                                      |   |                                   |                                    |              |
| International preliminary exan but international search fee (3)   | nination lee (3/Ci                   | R 1.492) not paid to OSF TO                               | \$770.00                          |                                    |              |
|   |                                      |   |                                   |                                    |              |
| International preliminary exan  | nination fee (37 CI                  | FR 1.492) paid to USPTO                                   | 6770.00                           |                                    |              |
| but all claims did not satisfy p  | rovisions of PCT A                   | Article 33(1)-(4)   | \$ /30.00                         |                                    |              |
| International preliminary exam  | nination fee paid to                 | USPTO (37 CFR 1.492)                                      |                                   |                                    |              |
| and all claims satisfied provisi  | ions of PCT Article                  | e 33(1)-(4)   | \$100.00                          |                                    |              |
|   |                                      |   |                                   | \$920.00                           |              |
| ENTER APPROPRIATE BASIC FEE AMOUNT = Surcharge of \$130.00 for furnishing the oath or declaration later than 20 30  |                                      |   |                                   | \$920.00                           |              |
| Surcharge of \$130.00 for furnish   | ning the oath or dec                 | Claration later than 20                                   | □ 30                              | •                                  |              |
| months from the earliest claimed  | UMBER FILED                          | NUMBER EXTRA  | RATE                              | 1                                  |              |
|   | 23 - 20 =                            | 0   | x \$ 18.00                        | \$                                 |              |
| 1 Total Claims  | 2 - 3 =                              | 0   | x \$ 86.00                        | \$                                 |              |
| Multiple dependent claim(s) (if   | applicable)                          |   | + \$290.00                        | \$                                 |              |
| TOTAL OF ABOVE CALCULATIONS =   |                                      |   | = \$                              |                                    |              |
| ☐ Applicant claims small entit  | y status. See 37 C                   | FR 1.27. The fees indicated                               | above are                         | \$                                 |              |
| reduced by 1/2.   |                                      |   | =   \$                            | <del> </del>                       |              |
| Processing fee of \$130.00 for furnishing the English translation later than 20 30  |                                      |   | =   3<br>  \$                     |                                    |              |
| Processing fee of \$130.00 for fu   | mishing the English                  | sh translation later than [].                             | 20 <u> </u>                       | +   "                              |              |
| months from the earliest claimed  | u priority date (37                  | TOTAL NATIO   | NAL FEE                           | = \$                               |              |
| For for recording the enclosed a  | ssignment (37 CF)                    |   |                                   |                                    |              |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property) + |                                      |   |                                   |                                    |              |
| TOTAL FEES ENCLOSED =   |                                      |   |                                   | <u> </u>                           |              |
|   |                                      |   |                                   | Amount to be                       |              |
|   |                                      |   | <del></del>                       | refunded:<br>charged:              | \$920.00     |
|   |                                      | cover the above fees is enclo                             | nsed.                             | - Clair Gear                       | ψ,20.00      |
| a. A check in the amount  |                                      |   |                                   | Al Las A                           | dunliceta    |
| copy of this sheet is en  | closed.                              | 9-1800 in the amount of \$                                |                                   |                                    |              |
| c.  The Commissioner is 1   | hereby authorized it Account No. 19- | to charge any additional fees 1800. A duplicate copy of t | s which may be<br>his sheet is en | e required, or credit a<br>closed. | any          |
| NOTE: Where an appropriate  | to tima limit unda                   | r 37 CFR 1 494 or 1 495 hs                                | as not been m                     | et, a petition to rev              | ive (37 CFR  |
| 1.137(a) or (b)) must be filed  | and granted to re                    | store the application to per                              | nding status.                     |                                    | `            |
|   |                                      | . \   | . 0 .                             | 14                                 |              |
| SEND ALL CORRESPONDED   | NCE TO:                              | (-)   | [])(L                             | In                                 | <u> </u>     |
| Del S. Christensen  |                                      | SIGNATURE   | <del></del>                       |                                    |              |
| SHELL OIL COMPANY   |                                      | Del S. Christ   | encen                             |                                    |              |
| INTELLECTUAL PROPERTY   | 7                                    |   | CHSCH                             |                                    |              |
| I D O DOV 1462  |                                      | NAME  |                                   |                                    |              |
| P. O. BOX 2463  |                                      |   |                                   |                                    |              |
| P. O. BOX 2463<br>HOUSTON, TX 77252-2463<br>713-241-3997  |                                      | NAME  33,482  REGISTRATION                                | NUMBER                            |                                    |              |